

29. (Amended) An Internet information displaying method for receiving Internet information, displaying it on the screen, and displaying a tool bar composed of plural buttons each representing control function on the screen, comprising the steps of:

selecting, by a remote control, an arbitrary button in said tool bar; and

cr magnifying only said selected button into a predetermined size in longitudinal and lateral directions and displaying magnified button.

30. (Amended) An Internet information displaying method for receiving Internet information, displaying it on the screen, and displaying a tool bar composed of plural buttons each representing control function on the screen, comprising the steps of:

selecting an arbitrary button in said tool bar; and

magnifying in longitudinal and lateral directions and displaying the selected button upon a single user action.

REMARKS

The Office Action dated July 25, 2002 has been received and carefully noted. By this Amendment, claims 23, 29 and 30 are amended to more particularly point out and distinctly claim the invention. No new matter has been added. Accordingly, claims 23-31 are respectfully submitted for consideration.

Claims 23-27, 30 and 31 were rejected under 35 U.S.C. § 102(e) as being anticipated by Arita (U.S. Patent No. 5,821,926). In making this rejection, the Office Action took the position that Arita discloses all the elements of the claimed invention. However, Applicants respectfully submit that claims 23-27, 30 and 31 recite subject matter that is neither disclosed nor suggested in Arita.

Claim 23 recites an Internet information displaying method for receiving Internet information, displaying it on the screen, and displaying a tool bar composed of plural buttons, each representing control function on the screen. The method includes the steps of selecting an arbitrary button to be a selected button in the tool bar, then magnifying only the selected button into a predetermined size in longitudinal and lateral directions and displaying the magnified button.

Claim 30 recites an Internet information displaying method for receiving Internet information, displaying it on the screen, and displaying a tool bar composed of plural buttons each representing control function on the screen. The method includes the steps of selecting an arbitrary button in the tool bar, magnifying the selected button in longitudinal and lateral directions, and displaying the selected button upon a single user action.

As a result of the claimed invention, the selected toolbar button is displayed on the screen with a magnified size which is larger than the other buttons. This relative magnification is helpful due to the fact that, in a television receiver, the picture resolution is coarse, and the screen is very wide. Televisions are usually viewed at a distance, and operated by remote control. Therefore, when using the Internet on a television receiver, the television is very often operated by remote control, thereby also controlling the toolbar remotely. The buttons and the tool bar, therefore, need to be visible from a distance in order to ensure efficient operation with a minimum of eyestrain. The present invention, therefore, seeks to magnify a selected button with respect to other buttons so that it can be clearly viewed by a distance. Therefore, it is respectfully submitted that the prior art fails to disclose or suggest the method steps of the claimed invention, and thus, fails to provide the advantages.

Arita discloses a method of generating and operating buttons for computer processing. The system of Arita includes a display for displaying the operating buttons, an input unit for inputting selection and direction on the operating buttons displayed on the display and a memory adapted to store data to be processed. The operating buttons are composed of button classes, button groups, individual buttons and a controller. A field is selected and directed with the use of an input unit to automatically set a button class corresponding to a categorical field. Button class designations are entered with the use of the input unit, and the button classes are hierarchically correlated. The button class designations are displayed on the display unit and selected in the hierarchically descending sequence of button class within use of the input unit. Individual buttons belonging to each button class are automatically set on the basis of data values stored in the fields corresponding to the button class. Therefore, it appears that Arita merely discloses the selection of a field corresponding to a button class, so that all of the buttons corresponding to the button class or classes can be displayed.

However, the present invention recites an information displaying method for receiving Internet information, displaying it on a screen, and displaying a tool bar composed of plural buttons each representing a control function. The claimed method includes the steps of selecting an arbitrary button to be selected in the tool bar, then magnifying only the selected button into a predetermined size in both the longitudinal and lateral directions, and displaying the magnified button, as recited in claim 23. The claimed method also includes magnifying the selected button in longitudinal and lateral directions and displaying the selected button upon a single user action, as recited in claim 30.

The Office Action asserted that Arita discloses magnifying and displaying the selected buttons. However, upon review of the sections of Arita cited in the Office Action, Applicants are unable to find any disclosure relating to magnifying and displaying selected buttons.

According to Arita, specifically column 24, line 19, it is stated that, "the display sizes of the individual buttons are redisplayed in proportion to selection frequencies as shown in Fig. 23(c)." From this, it is clear that displayed sizes are varied according to (i) the frequency of individual button selections, and (ii) data values corresponding to the individual buttons. By contrast, according to the present invention, a selected button is always magnified and displayed in a predetermined size.

Moreover, the present invention magnifies a button in both longitudinal and lateral directions, whereas, in Arita, a button is magnified only in the direction toward the center of the screen (down direction). That is, in Arita, the width of button is fixed, and magnification is made only in the longitudinal direction.

In addition, a general television receiver does not present high resolution as compared with a computer display, and thus displaying Internet information on a general television receiver causes low visibility, especially, visibility of characters. The present invention allows improvement of visibility of characters which appear on the selected button, which is a benefit of the claimed invention.

As claims 24-27 depend from claim 23, and claim 31 depends from claim 30, Applicants submit that Arita also fails to disclose or suggest the subject matter of each of these claims, for at least the same reasons set forth above with respect the independent claims.

Therefore, it is respectfully submitted that the Applicants' invention, as set forth in claims 23-27, 30 and 31, is not anticipated by Arita within the meaning of 35 U.S.C. § 102.

Claims 28 and 29 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Arita. In making this rejection, the Office Action asserted that Arita discloses all the elements of the claimed invention except for disclosing using a wireless remote control to select an arbitrary button. However, as will be discussed below, Arita fails to disclose or suggest the claimed invention.

Claim 29 recites an Internet information displaying method for receiving Internet information, displaying it on the screen, and displaying a tool bar composed of plural buttons each representing control function on the screen. The method includes the steps of selecting, by a remote control, an arbitrary button in said tool bar, and magnifying only said selected button into the predetermined size in longitudinal and lateral directions and displaying the magnified button.

The Office Action took the position that it would have been obvious or inherent to one having ordinary skill in the art to modify Arita by including a wireless remote control to enable users to access and control data more quickly.

However, claim 28 is dependent upon claim 23, and as discussed above, Arita fails to disclose or suggest the steps of selecting an arbitrary button to be selected in the tool bar, then magnifying only the selected button into a predetermined size in both the longitudinal and lateral directions, and displaying the magnified button, as recited in claim 23.

Furthermore, Arita fails to disclose or suggest magnifying only the selected button into a predetermined size in both a longitudinal and lateral direction, and displaying the

selected button upon a single user action, as recited in claim 29. As discussed above, unlike the present invention, the displayed button sizes of Arita are varied according to (i) the frequency of individual button selections, and (ii) data values corresponding to the individual buttons.

Therefore, Applicants respectfully submit that one of ordinary skill in the art would not be compelled to modify Arita in the manner suggested by because the combination fails to disclose or suggest the claimed invention.


Therefore, it is respectfully submitted that the Applicants' invention, as set forth in claims 28 and 29, is not obvious in view of Arita within the meaning of 35 U.S.C. § 103.

In view of the foregoing, reconsideration of the application, withdrawal of the outstanding rejections, allowance of claims 23-31, and the prompt issuance of a Notice of Allowability are respectfully solicited.

Should the Examiner believe anything further is desirable in order to place this application in better condition for allowance, the Examiner is requested to contact the undersigned at the telephone listed below.

In the event this paper is not considered to be timely filed, the Applicants respectfully petition for an appropriate extension of time. Any fees for such an extension, together with any additional fees that may be due with respect to this paper, may be charged to counsel's Deposit Account No. 01-2300, **referencing docket number 101216-09002.**

Respectfully submitted,
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MARKED-UP CLAIMS

Please amend claims 23, 29 and 30 as follows:

23. (Amended) An Internet information displaying method for receiving internet information, displaying it on the screen, and displaying a tool bar composed of plural buttons each representing control function on the screen, comprising steps of:

selecting an arbitrary button in said tool bar; and

magnifying [and displaying] only said selected button into a predetermined size in longitudinal and lateral directions and displaying magnified button.

29. (Amended) An Internet information displaying method for receiving Internet information, displaying it on the screen, and displaying a tool bar composed of plural buttons each representing control function on the screen, comprising the steps of:

selecting, by a remote control, an arbitrary button in said tool bar; and

magnifying only said [the] selected button [with respect to other buttons] into a predetermined size in longitudinal and lateral directions and displaying [said selected] magnified button.

30. (Amended) An Internet information displaying method for receiving Internet information, displaying it on the screen, and displaying a tool bar composed of plural buttons each representing control function on the screen, comprising the steps of:

selecting an arbitrary button in said tool bar; and

magnifying in longitudinal and lateral directions and displaying [said] the selected button upon a single user action.

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